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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/242,202C

DATE: 05/08/2003
TIME: 14:46:21

Input Set : A:\219482.sequence.txt
Output Set: N:\CRF4\05082003\I242202C.raw

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76 <211> LENGTH: 209
 77 <212> TYPE: DNA
 78 <213> ORGANISM: Artificial
 80 <220> FEATURE:
 81 <223> OTHER INFORMATION: Synthetic
 83 <400> SEQUENCE: 3
 84 gaattctttc ggactttga aagtgtatgg ggtggccgaa ggattcgaac cttcgaaagtc 60
 86 gatgacggca gattnagat ctgcctccctt tggccgctcg gaaacccac cacggtaat 120
 88 gctttactg gcctgctccc ttatcgggaa gcggggcgca tcataatcaa tgacgcgccc 180
 90 ctgtaaaatgt ttacgttgag aaagaattc 209
 93 <210> SEQ ID NO: 4
 94 <211> LENGTH: 209
 95 <212> TYPE: DNA
 96 <213> ORGANISM: Artificial
 98 <220> FEATURE:
 99 <223> OTHER INFORMATION: Synthetic
 101 <400> SEQUENCE: 4
 102 gaattctttc tcaacgtaac actttacagc ggcgcgtcat ttgatatgat gcgcggcgct 60
 104 tccccataag ggagcaggcc agtaaaagca ttaccgtgg tgggttccc gagcggccaa 120
 106 agggagcaga ctctaaatct gccgtcatcg acttcgaagg ttcgaatcct tccccacca 180
 108 ccatacattt caaaaatccg aaagaattc 209
 111 <210> SEQ ID NO: 5
 112 <211> LENGTH: 6
 113 <212> TYPE: DNA
 114 <213> ORGANISM: Artificial
 116 <220> FEATURE:
 117 <223> OTHER INFORMATION: Synthetic
 119 <400> SEQUENCE: 5
 120 aataaa 6
 123 <210> SEQ ID NO: 6
 124 <211> LENGTH: 6
 125 <212> TYPE: DNA
 126 <213> ORGANISM: Artificial
 128 <220> FEATURE:
 129 <223> OTHER INFORMATION: Synthetic
 131 <400> SEQUENCE: 6
 132 attaaa .6
 135 <210> SEQ ID NO: 7
 136 <211> LENGTH: 6
 137 <212> TYPE: DNA
 138 <213> ORGANISM: Artificial
 140 <220> FEATURE:
 141 <223> OTHER INFORMATION: Synthetic
 143 <400> SEQUENCE: 7
 144 agtaaa 6
 147 <210> SEQ ID NO: 8
 148 <211> LENGTH: 6
 149 <212> TYPE: DNA
 150 <213> ORGANISM: Artificial

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152 <220> FEATURE:
153 <223> OTHER INFORMATION: Synthetic
155 <400> SEQUENCE: 8
156 aagaac
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160 <211> LENGTH: 6
161 <212> TYPE: DNA
162 <213> ORGANISM: Artificial
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Synthetic
167 <400> SEQUENCE: 9
168 aataca
171 <210> SEQ ID NO: 10
172 <211> LENGTH: 227
173 <212> TYPE: DNA
174 <213> ORGANISM: Artificial
176 <220> FEATURE:
177 <223> OTHER INFORMATION: Synthetic
179 <400> SEQUENCE: 10
180 gccttaaggg ccatatggtg agtggatccc ttgacccag gcggggatgg ggagacctgt 60
182 agtcagagcc cccgggcagc acaggccaat gcccgtcctt cccctgcagg atgagtagtg 120
184 agtgcctctc ctggccctgg aagtgcac tccagtgcac accagccttg tcctaataaa 180
186 attaagttgc atcattttgt ctgacttaggt gtcctctata atattat 227
189 <210> SEQ ID NO: 11
190 <211> LENGTH: 227
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Synthetic
197 <400> SEQUENCE: 11
198 ataatatattat agaggacacc tagtcagaac aaatgatgca acttaatttt attaggacaa 60
200 ggctgggtgg cactggatgt gcaacttcca gggccaggag aggcaactcac tactcatcct 120
202 gcaggggaag gacgggcatt ggcctgtgct gccccggggc tctgactaca ggtctcccc 180
204 atccccgcct ggggtcaagg catccactca ccatatggcc cttaagg 227
207 <210> SEQ ID NO: 12
208 <211> LENGTH: 252
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial
212 <220> FEATURE:
213 <223> OTHER INFORMATION: Synthetic
215 <400> SEQUENCE: 12
216 cctcggtacc tgccatggcg cgattcttt atcaactgata agttggtgga catattatgt 60
218 ttatcagtga taaagtgtca agcatgacaa agttgcagcc gaatacagtg atccgtgccg 120
220 gcccggact gttgaacgag gtcggcgtag acggctgtac gacacgcaa ctggcgaaac 180
222 gtttgggggt gcagcagccg ggcctttact ggcacttcag gaacaagcgg ggccttaag 240
224 ggcctatgc cg 252
227 <210> SEQ ID NO: 13
228 <211> LENGTH: 35
229 <212> TYPE: DNA

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314	tttcgccacc	tctgacttga	gcgtcgattt	ttgtgatgct	cgtcaggggg	gcggagccata	1140
316	tggaaaaacg	ccagcaacgc	ggccggggga	tccggagagc	tcactctaga	tgagagagca	1200
318	gtgagggaga	gacagagact	cgaatttccg	gagctatttc	agttttcttt	tccgaaaaat	1260
320	gcaatttcac	ttatgatacc	ggccaaatgt	tggtgctat	tttggaaact	cccccttaggg	1320
322	gatccccctc	aactggccct	ataaaaggccc	agcctgagct	gcagaggatt	cctgcagagg	1380
324	atcaagacag	cacgtggacc	tcgcacagcc	tctccacacag	gtacc		1425
327	<210>	SEQ ID NO:	17				
328	<211>	LENGTH:	719				
329	<212>	TYPE:	DNA				
330	<213>	ORGANISM:	Artificial				
332	<220>	FEATURE:					
333	<223>	OTHER INFORMATION:	Synthetic				
335	<400>	SEQUENCE:	17				
336	atgagcaagg	gcgaggaact	gttcactggc	gtggtccaa	ttctcgatgg	actggatggc	60
338	gatgtgaatg	ggcacaaattt	ttctgtcagc	ggagaggggt	aagggtatgc	cacatacgga	120
340	aagctcaccc	tgaaattcat	ctgcaccact	ggaaagctcc	ctgtgcctatg	gccaacactg	180
342	gtcactacct	tcacccatgg	cgtgcagtc	ttttccagat	acccagacca	tatgaacgag	240
344	catgactttt	tcaagagcgc	catgcccgg	ggctatgtgc	aggagagaaac	catcttttc	300
346	aaagatgacg	ggaactacaa	gacccgcgt	gaagtcaagt	tcgaaggatgg	caccctgggt	360
348	aatagaatcg	agttgaaggg	cattgacttt	aaggaagatg	gaaacattct	cggccacaag	420
350	ctggaataca	actataactc	ccacaatgtg	tacatcatgg	ccgacaagca	aaagaatggc	480
352	atcaaggtca	acttcaagat	cagacacaaac	attgaggatg	gatccgtgc	gctggccgac	540
354	cattatcaac	agaacactcc	aatcggcgcac	cgccctgtgc	tcctcccaaa	caacaattac	600
356	ctgtccaccc	agtctgcct	gtctaaagat	cccaacgaaa	agagagacca	catggctctg	660
358	ctggagttt	tgaccgctgc	tgggatcaca	catggcatgg	acgagctgta	caagtgagc	719
361	<210>	SEQ ID NO:	18				
362	<211>	LENGTH:	1911				
363	<212>	TYPE:	DNA				
364	<213>	ORGANISM:	Artificial				
366	<220>	FEATURE:					
367	<223>	OTHER INFORMATION:	Synthetic				
369	<400>	SEQUENCE:	18				
370	tatgagcaag	ggcgaggaac	tgttcactgg	cgtggtccaa	attctcgatgg	aactggatgg	60
372	cgatgtgaat	gggcacaaat	tttctgtcag	cgagaggggt	gaagggtatgc	ccacatacg	120
374	aaagctcacc	ctgaaattca	tctgcaccac	tgaaagctcc	cctgtgcctatg	gccaacact	180
376	gtcactacc	ttcacccatg	cgtgcagtc	ttttccagat	tacccagacc	atatgaagca	240
378	gcatgacttt	ttcaagagcg	coatgcccgg	gggtatgtg	caggagagaa	ccatcttttc	300
380	caaagatgac	ggaactaca	agacccgcgc	tgaagtcaag	ttcgaaggatgg	acaccctgg	360
382	aatagaatc	gagttgaagg	gcattgactt	taaggaatg	gaaacatcc	tcgcccacaa	420
384	gttggaaatac	aactataact	cccacaatgt	gtacatcatg	gccgacaagc	aaaagaatgg	480
386	catcaaggtc	aacttcaaga	tcagacacaa	cattgaggat	ggatccgtgc	agctggccgac	540
388	ccattatcaa	cagaacactc	caatcggcga	cgccctgtgc	tcctcccaaa	acaaccattaa	600
390	cctgtccacc	cagtctgcct	gtctaaagat	cccaacgaaa	agagagacca	catggctctg	660
392	ctggagttt	tgaccgctgc	tgggatcaca	catggcatgg	acgagctgta	caagtgagcc	720
394	atatggtag	tggatgcctt	gaccccgagc	ggggatgggg	gagacctgt	gtcagagccc	780
396	ccggccagca	caggccaatg	cccgctcttc	ccctgcagtc	agtagtgc	gcccgggtgg	840
398	gatccctgt	acccctcccc	agtgcctctc	ctggccctgg	aagttgccac	tccagtgcct	900
400	accagcctt	tcctaataaaa	attaaggatgc	atcattttgt	ctgacttaggt	gtccctata	960
402	atattataag	cttgatatacg	aattctttct	caacgtaaca	ctttacagcg	gcgcgtcatt	1020

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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27
Seq#:28,29,30,31

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